RICHMOND FIRM'S MIGHTY CONTRACT

day. The planning and the scheming have finally resulted in the biggest undertaking of the kind in the history of America, and this tremendous thirteen-million-dollar contract which the Richmond and Chicago contractors will sign up for this week is the beginning of the wonderful work.

To Drain the Catakilla.

To Drain the Catakilla.

According to Mr. Reeve, New York is, ami has been, in a certain sense dry, very dry. It needs water, and needs it badly. That is why the city has started to build a water-supply system that will drain an area in the Catakill Mountains equal to that of the whole State of Rivite Island, gathering the water into a huge artificial lake three-quarters of the size of Manhattan Island itself. Eighty-six miles this water will flow by the force of gravity alone, crossing under the Hudson by a gigantic siphon sunk deep into the bed rock, and finally it will deliver six hundred million gallons of pure mountain water to the metropolis every day.

Six hundred million gallons a day

lis every day.

Six hundred million gallons a day means a flow of water considerably more than half the daily flow of the Hudson river itself during the dry season. It means enough water every season. It means enough water every twenty-four hours to cover the whole of Manhattan and the Bronx a half inch deep. It means four times as much water led into the city in a year as falls on it in rain and snow. It means an engineering task as great and cottler than the Panama Canal. It means building a dam in the drained area second in size only to the world-famous Assouan dam, that collects the waters of the Nile. That, briefly, is the story of New York's new water system.

make and sustain.

The five hundred and fifty men on the staff include engineers, sanitary experts, surveyors, rodmen, axmen and line men.

Smith's Vigorous Way.

Quick and accurate work is what Mr. Smith himself is noted for and what he expects of every man under him. He came to the Croton Aqueduct Commission in 1963, and after about two years' work he had proved his ability to take charge of the new water plans. That was on August 1, 1965. The month was unavoidably consumed in preparatory discussions that ended in little, so that Mr. Smith was not able to get down to work until the first of Soptember. By October 5th, less than six weeks, he had turned out a complete draft of what he proposed to do, and had submitted it, with an estimate of the cost. This draft has been gone over constantly by experts in all branches since then, and a year and half of closest examination has not resulted in any important change.

Problem Solved.

One problem only remained unsolved. That was not because it was a deep problem, but because it was a deep problem, southward the water will run under southward the water will run under southward the water of a thousand hills, a huge storage reservoir, is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills, a huge storage reservoir is necessary. This is the great thousand hills

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The work of crassing the Hudson, gigantic as it is, it in reality only a very small part of the entire undertaking.

Now follow the water in its course down to the city of New York, where it will be delivered at an elevation of three hundred feet, insuring a pressure that will reach most skyscrapers. Four Cutskill streams will be drained; the Schoharle, the Esopus, the Rondout, and

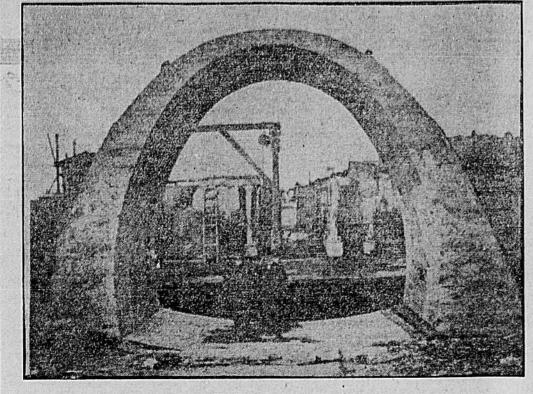
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Investment Securities.



famous Assouan dam, that collects the waters of the Nile. That, briefly, is the story of New York's new water system.

Forces Employed.

Engineering, geology, botany, zoology, law, finance, brains and nerve are strangely mingled in the gigantic undertaking—but 'chiefly energy. It takes the utmost energy of five hundred and fifty trained engineers to plan how this vast territory is to be drained and the water carried down to the city. Lastly, it takes clever legal talent to carry the work through properly, for six towns and fiften miles of railroad are to be covered over. As for the grafting politician, he has not appeared yet.

For, whatever the theorists may say of municipal activity, the chief engineer, J. Waldo Snith, means to carry this work through for the city if seience and brains can do it. He and his five hundred and fifty assistants are young men with reputations to make and sustain.

The five hundred and fifty men on the staff include engineers, sanitary.

The five hundred and fifty men on the staff include engineers sanitary.

Having gathered the water the watersheds. A web ter from fourteen watersheds of the Hudson.

Across this glorious country of hill and valley, forest and stream, th

NEW YORK, August 31.—COTTON—Holiday on Cotton Exchange. Gross receipts, 568 bales; stock, 168,925 bales; oxport to the Coutinent, 1.286 bales.

Total to-day at all ports—Net receipts, 4,597 bales; export to Great Britain, 198 bales; to the Continent, 1,914 bales; stock, 274,016 bales.

Consolidated at all ports—Net receipts, 4,937 bales; export to Great Britain, 198 bales; to the Continent, 1.54 bales.

Total since September 1st at all ports—Net receipts, 2,00,108 bales; export to Great Britain, 3,764,603 bales; export to Great Britain, 3,764,603 bales; export to Great Britain, 3,764,603 bales; to Japan, 245,264 bales; to Mexico, 60 bales.

RICHMOND PRODUCE MARKET. (Corrected Daily.)
POULTRY-LIVE.
per lb.....

Chickens, per lb......
Ducks, large, per lb.....
Hens,-per lb.....
VEALS.

FAST WIRES. Stock Ticker in Customers' Room Straugers visiting the city are cordially invited to make our office their headquarters and have mail and wires sent in our care.

ATSNo. 2 mixed (car lots)... @ 57½
No. 8 mixed (car lots)... @ 57
No. 2 white (car lots)... @ 57
No. 3 white (car lots)... @ 57
Winter seed...... @ 57½
VIE-

No. 2 (car lots)...... 85 @ Virginia (bag lots)..... 75 @

CATTLE MARKETS.

Stock Brokers.

GEO. T. KING & CO.,

STOCK

THE NEW CROTON DAM.

ne 600,000,000 gallons of water from the Catskills will be Croton reservoir until the huge storage reservoir at Ken-

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